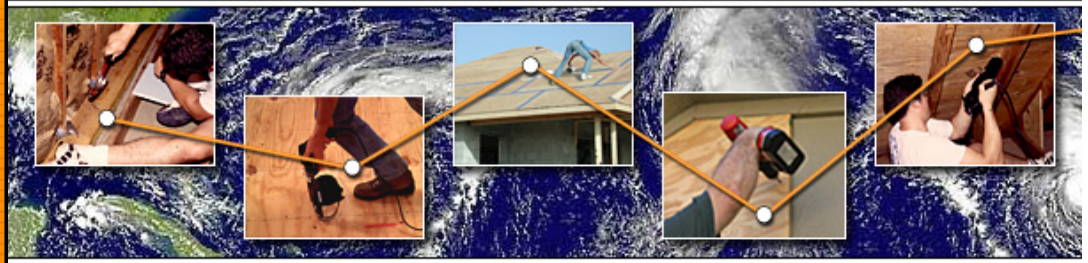


Hurricane Retrofit Guide



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Wood Frame Wall Evaluation Checklist

[Wood Frame Roof-to-Wall Connections](#), [Load Paths through Wood Frame Walls](#),
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1. Are there any metal straps connecting the roof rafters or trusses to the top of the wall?
[] Yes, at least some
[] No, none
2. If there are metal straps, are they installed at the end of every truss or rafter or to the end of every other truss or rafter?
[] Yes - Every Truss/Rafter
[] No - Every Other Truss/Rafter
3. If the straps are located on the inside surface of the wall, are there any indications of additional straps on the inside surface of the wall that connect the top plate to the studs or are there any indications of threaded rods or cables connecting the top plate to the floor or foundation?
[] Yes
[] No
4. If the straps are located on the outside surface of the wall, is there plywood or OSB sheathing on the outside of the wall that extends up to the top of the double top plate; or are there any indications of additional straps on the outside surface of the wall connecting the top plate to the wall studs; or are there any indications of threaded rods or cables connecting the top plate to the floor or foundation?
[] Yes
[] No
5. Do the straps wrap over the top of the rafters?
[] Yes - I have trusses or the straps wrap over rafters
[] No - I have rafters and the straps do not wrap over the top of the rafters.

Wood Frame Wall Evaluation Checklist

1. Is the sheathing plywood or oriented strand board (OSB) or is it fiberboard or foam?

Yes - Plywood or OSB

No - Foam board, Fiber board, or Insulation board

2. Is the wood sheathing continuous across the whole wall or is it only in the corners with the rest being foam board or fiber board?

Yes - Wood sheathing continuous across the whole wall

No - Wood sheathing only at the corners

3. Does the wood sheathing continue all the way to the top of the top plate if the top plate is not strapped to the wall studs?

Yes - The top plate is strapped to the studs or the sheathing continues all the way to the top of the top plate

No - The top plate is not strapped to the wall studs and the sheathing does not go all the way to the top of the top plate

4. Are horizontal joints between sheets of plywood or OSB blocked or un-blocked?

Yes - blocked

No - unblocked

5. Are the nails at least as close as 6" along the bottom of the sheets into the bottom plate and along the edges of the sheets into the wall studs? You can check this using a metal detector on a stud finder that has this option. Drag the stud finder along the studs with the metal detection turned on and mark each location where the sensor indicates a nail.

Yes - nail spacing is about 6" or less around the edges of the wall sheathing

No - nail spacing is consistently more than 6" around the edges of the wall sheathing

1. Do you have anchor bolts or straps embedded in the concrete?

Yes

No

2. Is the distance between the anchor bolts or straps 24 inches or less? 18 inches or less if the 3-second gust design wind speed in your area is greater than or equal to 120 mph.

Yes

No

3. If you have anchor bolts, are they at least 5/8-inch in diameter and do they have 3-inch by 3-inch by 1/8-inch thick washers between the nuts and the bottom plate?

Yes - or I have straps holding down the bottom plate or connected to the studs

No - the bolts are smaller than 5/8-inch and/or they have washers that are smaller than 3" by 3"

4. Do you have large anchors (hold downs) at the ends of the walls or threaded rods or cables that run the full height of the wall?

Yes

No

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